

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2007+A1:2009

Sponsor: *"Belan Plus" LTD, Belarus Republic, 246042, Homel, Dostoevskogo Street 1*

Prepared by: *„Center for Testing and European Certification“ LTD
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Product name: *Panel decorative polyurethane foam "Belan"*

Classification report №: *1871-CPR-RtF-281*

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1 Introduction

This classification report defines the classification assigned to *Panel decorative polyurethane foam "Belan"*, in line with the procedures given in EN 13501-1:2007+A1:2009

2 Details of classified product

2.1 General

The product, *Panel decorative polyurethane foam "Belan"*, is defined as a technical product intended both for thermal insulation and for finishing the facade.

2.2 Product description

The product, *Panel decorative polyurethane foam "Belan"* is described below and in the test reports provided in support of classification listed in clause 3.1.

Product description:

The product *Panel decorative polyurethane foam "Belan"* is manufacturer in form of panels with sizes of 872 x 655 mm and consist of a 2 layers: the top layer - concrete tiles in length of 240 mm, width 71 mm and height from 10mm to 17mm (the seams between tiles are filled with quartz sand) and the bottom layer - rigid polyurethane foam with a thickness of 40mm and a density of 50kg/m³. Total thickness of the panel – 53 mm

3 Test reports and test results in support of classification .

3.1 Test reports

Name of Laboratory	Name of sponsor	Test reports	Test method / extended application rules & date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	"Belan Plus" LTD, Belarus Republic	1420482/14.05.2018	BDS EN ISO 11925-2:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	"Belan Plus" LTD, Belarus Republic	1420481/14.05.2018	BDS EN 13823:2010+A1:2015



3.2 Test results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
<i>BDS EN ISO 11925-2:2010</i> (30s exposure surface)	F _s	6	Nil	Compliant
	flaming droplets/particles		None	
<i>BDS EN 13823:2010+A1:2015</i>	FIGRA 0.2MJ	3	0.0	Compliant
	LFS		(-)	
	THR 600s		0.1	Compliant
	SMOGRA		1.0	
	TSP _{600s}		13.7	
	flaming droplets/particles		No	Compliant

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

4.2 Classification

The product, *Panel decorative polyurethane foam "Belan"*, in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming droplets / particles is:

d0



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The format of the reaction to fire classification for construction products excluding floorings and products for thermal insulation of pipes is:

Fire Behaviour		Smoke Production			Flaming Droplets	
B	-	s	1	,	d	0

Reaction to fire classification: *B – s1, d0*

4.3 Field of application

This classification is valid for the product's parameters described in p.2.2

5 Limitations


This classification document does not represent type approval or certification of the product.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is claimed to be relevant to the samples tested and that will provide for their traceability

SIGNED:


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APPROVED:


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on behalf of:

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